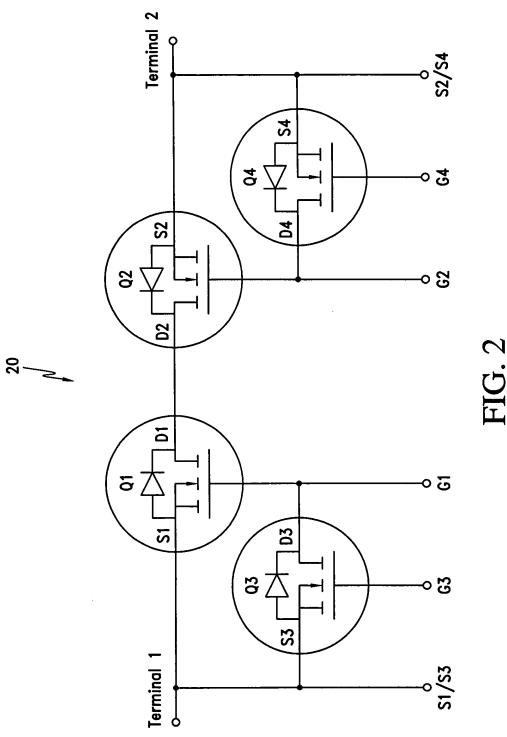
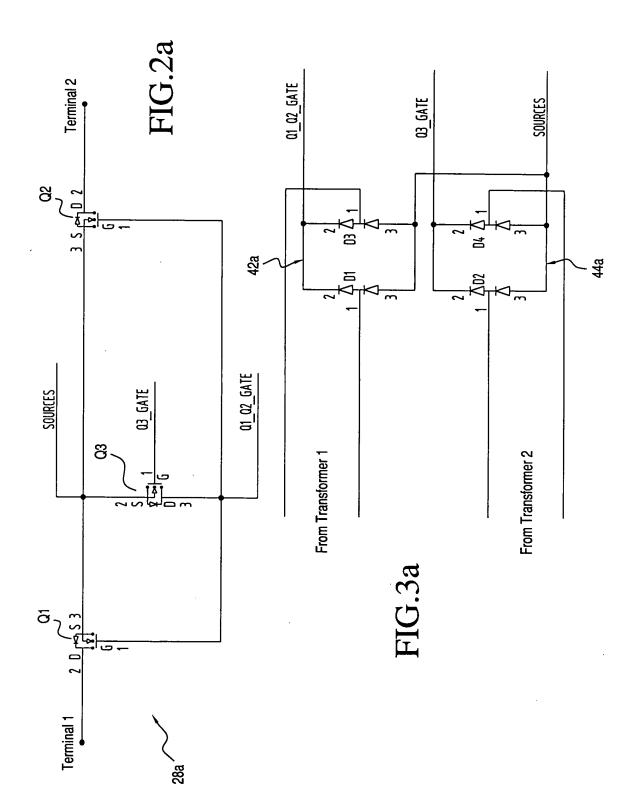
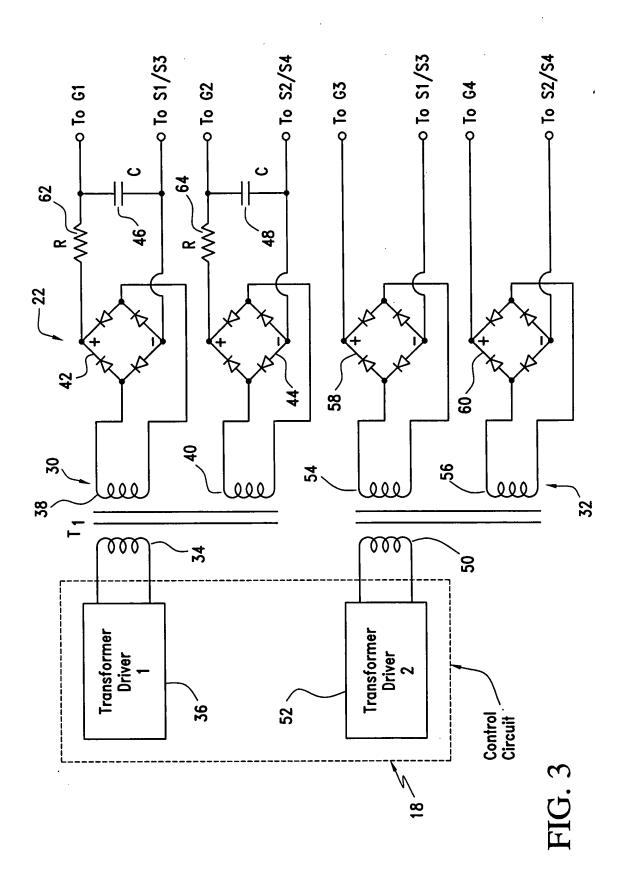
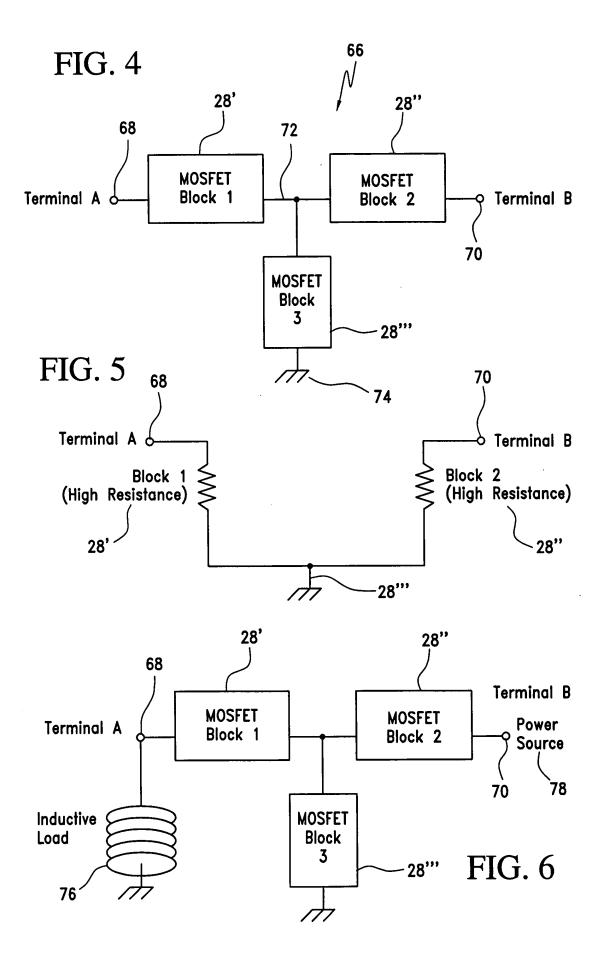


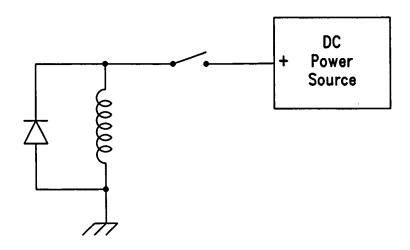
FIG. 1





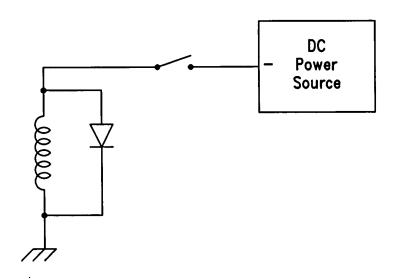






Inductive load with positive power source and discharge (or flyback) diode

FIG. 7 (PRIOR ART)



Inductive load with negative DC power source and discharge (or flyback) diode

FIG. 7a (PRIOR ART)

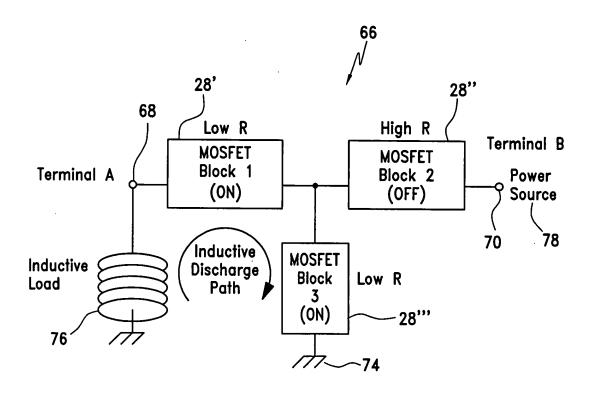
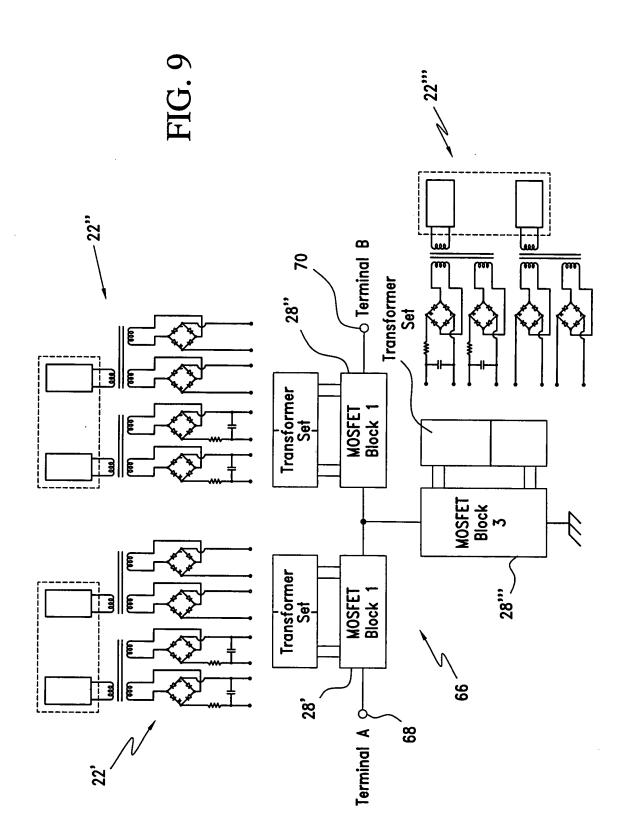


FIG. 8



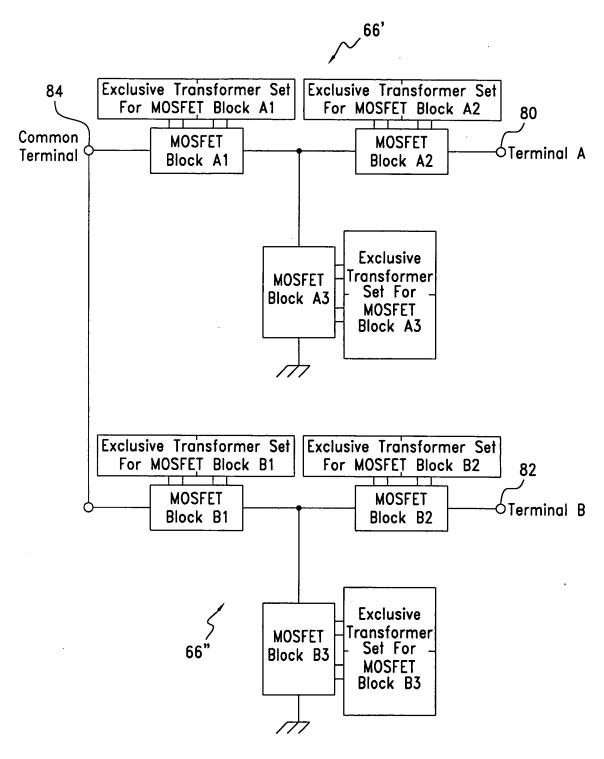


FIG. 10

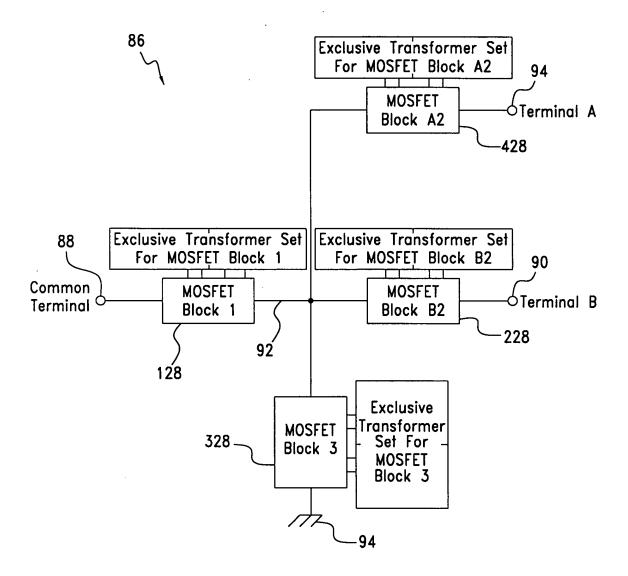


FIG. 11

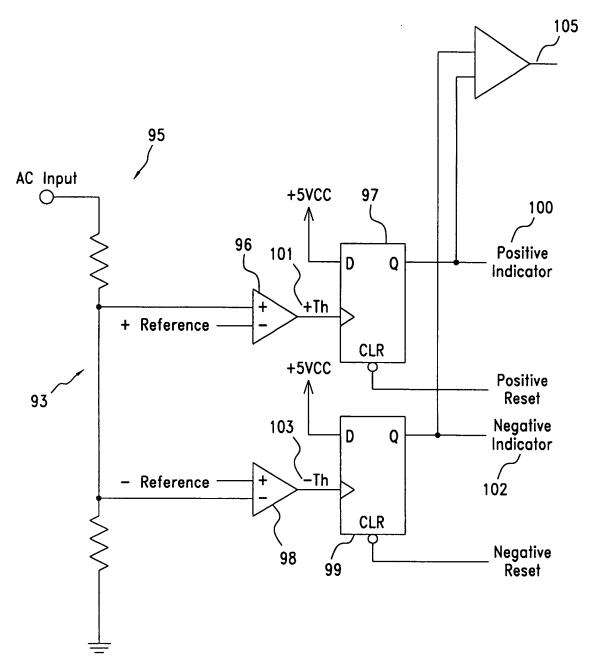
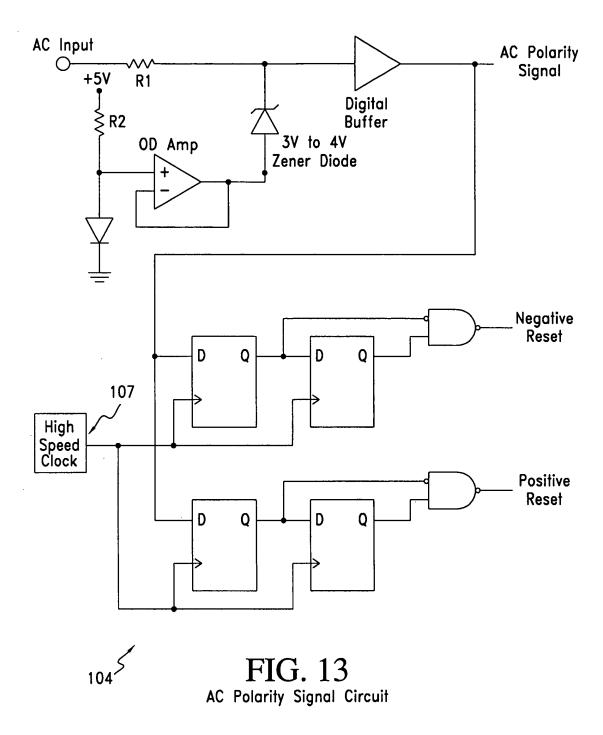
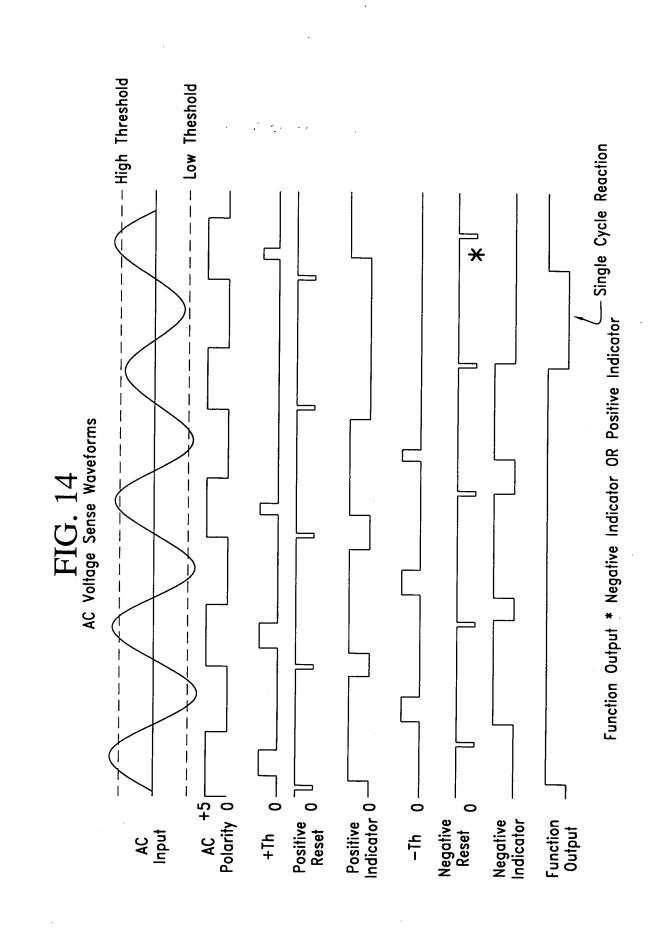
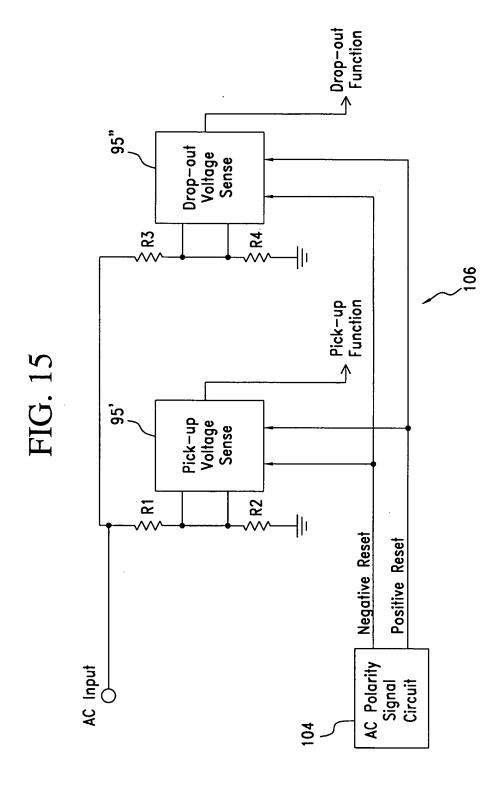


FIG. 12







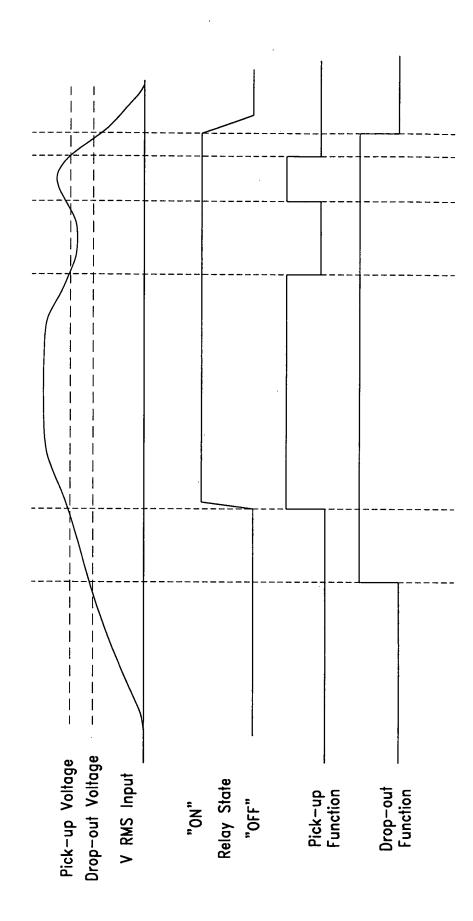
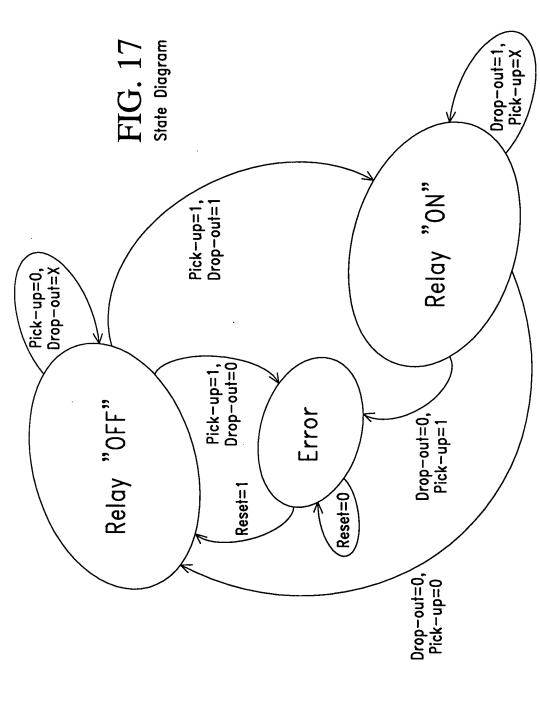
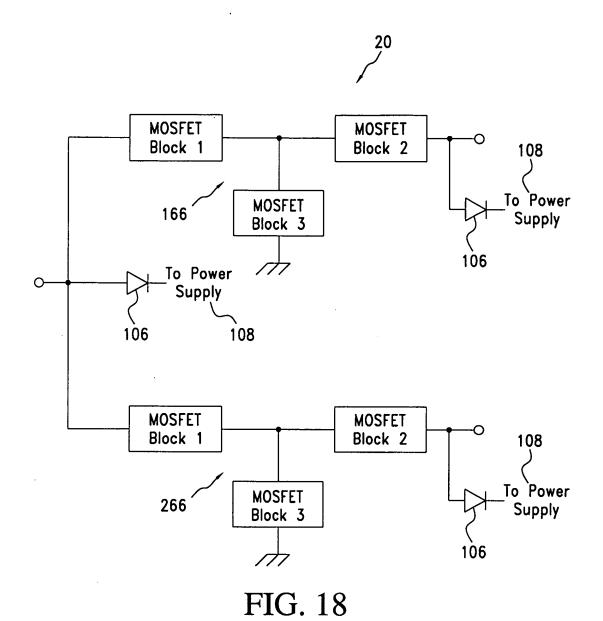


FIG. 16



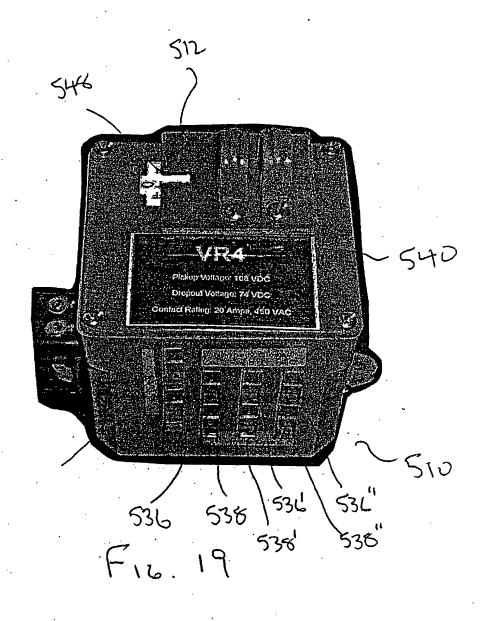
X="Don't Care"

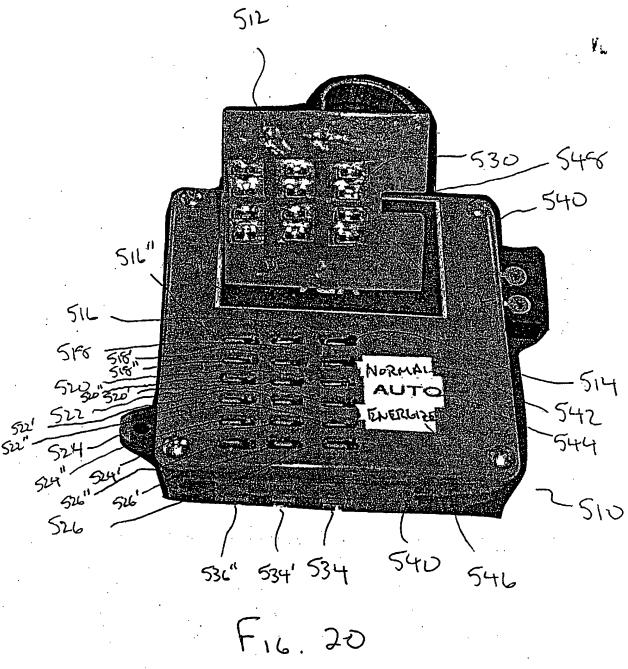


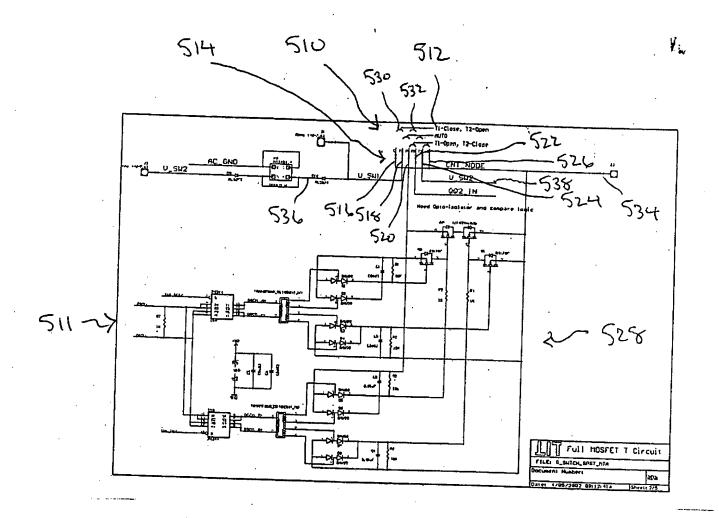
AC Sense Input
To Power Supply
Threshold

Detect Circuits

FIG. 18a







F16.21

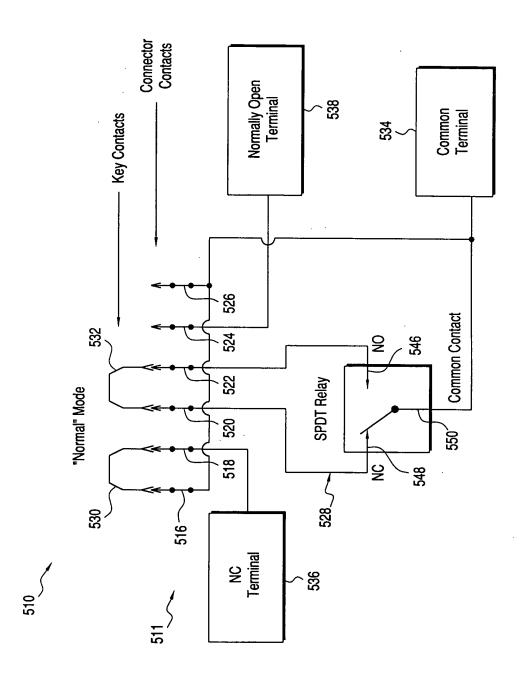


FIG.23

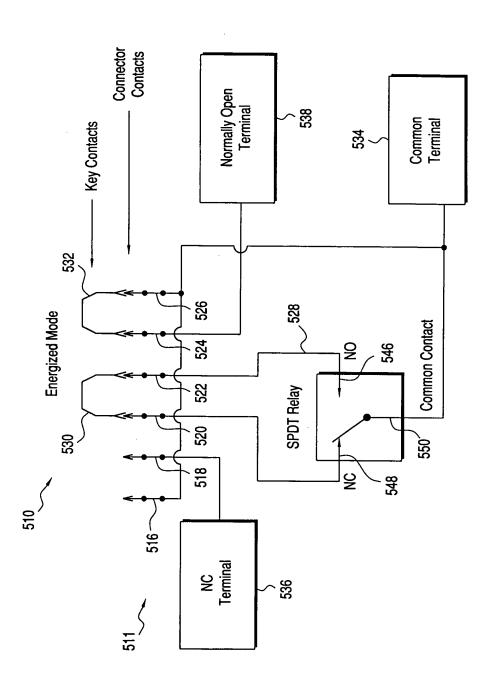


FIG.24

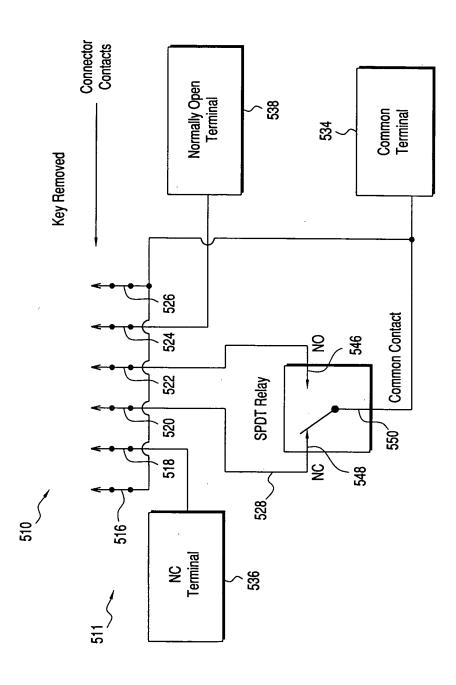


FIG.25

